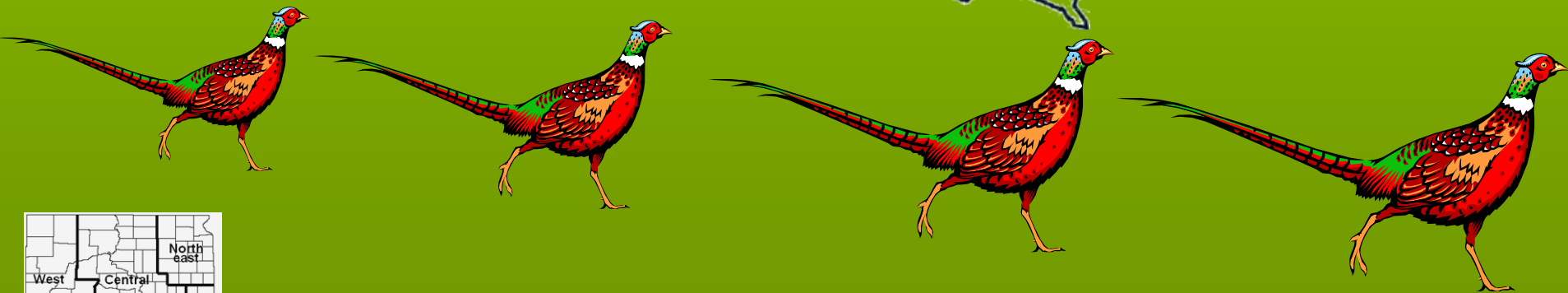


1 January – 30 April 2007

Provisional data

Monthly infectious disease summary report

April 2007



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 April 2007

Provisional data

South Dakota infectious disease summary

Diseases/Agent	Cases year-to-date	Incidence year-to-date	5-yr median cases	Percent change
Campylobacter	31	4.0	36	-14%
Chlamydia	828	105.9	831	0%
Cryptosporidiosis	19	2.4	9	+111%
E. coli, Shigs toxin-producing	1	0.1	2	-50%
Giardiasis	16	2.0	26	-38%
Gonorrhea	95	12.1	87	+9%
Hepatitis A	2	0.3	2	0%
HIV AIDS	7	0.9	10	-30%
Meningococcal	1	0.1	1	0%
Pertussis	12	1.5	7	+71%
Rabies	2	NA	31	-94%
Salmonella	43	5.5	26	+65%
Shigellosis	12	1.5	8	+50%
Strep A, invasive	3	0.4	8	-63%
Strep B, invasive	3	0.4	6	-50%
Syphilis, early	1	0.1	0	NA
Tuberculosis	3	0.4	6	-50%
West Nile	0	0.0	0	NA



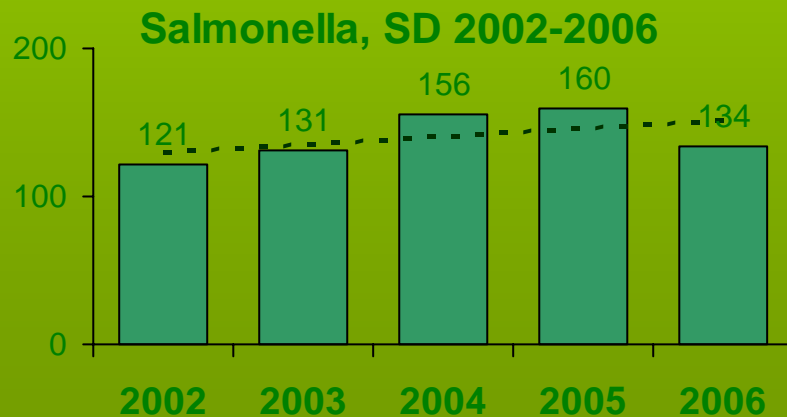
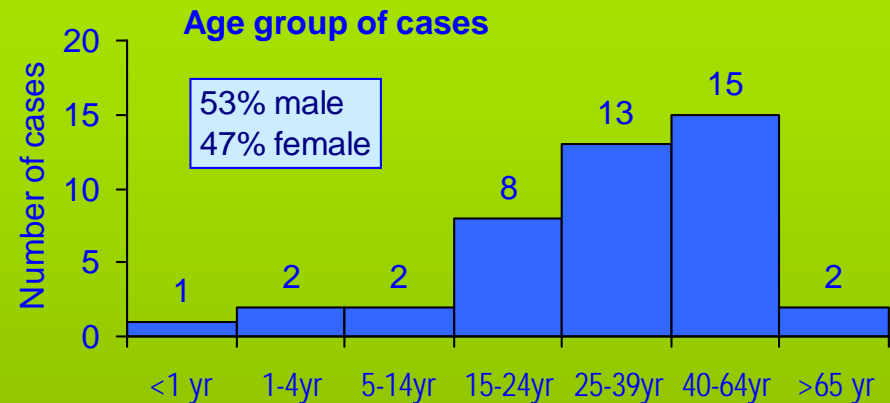
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 April 2007

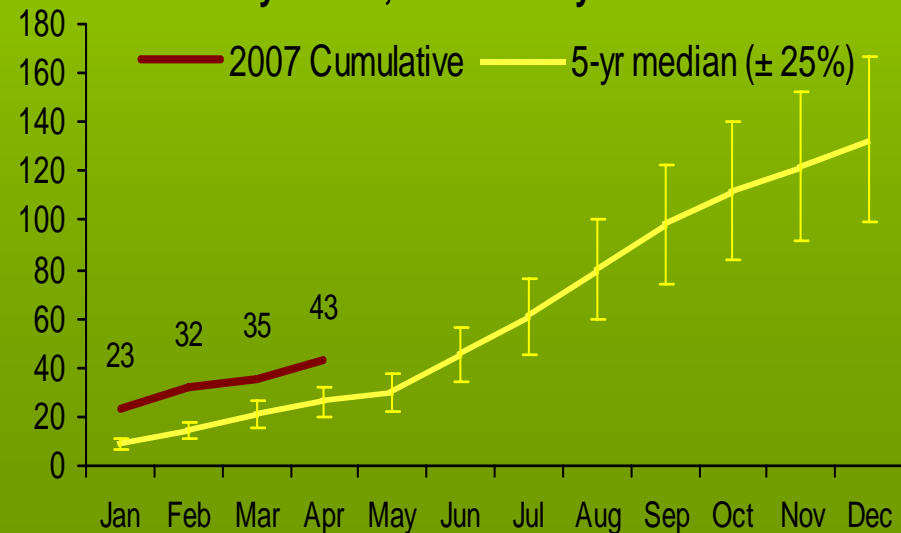
Provisional data

Salmonellosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	4	2.7
Northeast	11	6.0
Southeast	21	8.1
Western	7	3.7
TOTAL	43	5.5 +65%
5-year median	26	3.7



Cases by month, 2007 and 5-year median

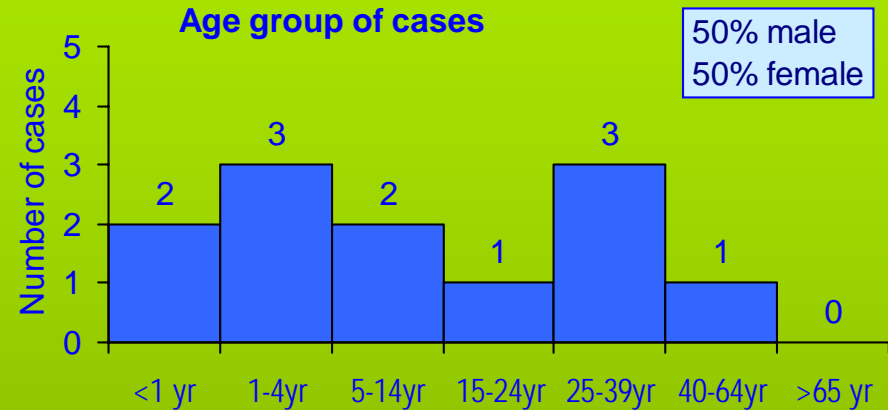


1 January – 30 April 2007

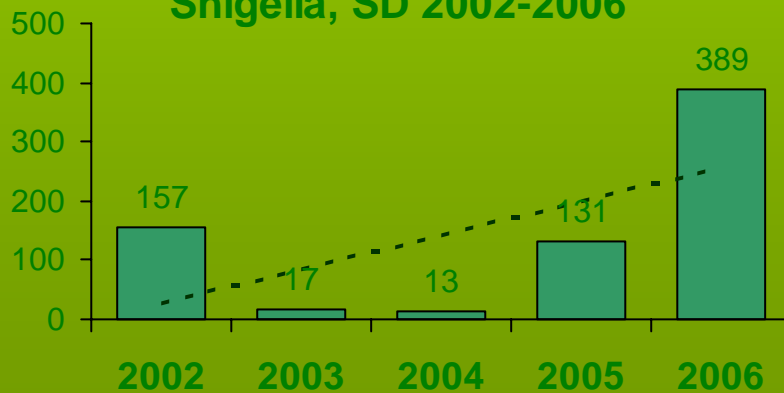
Provisional data

Shigellosis, South Dakota

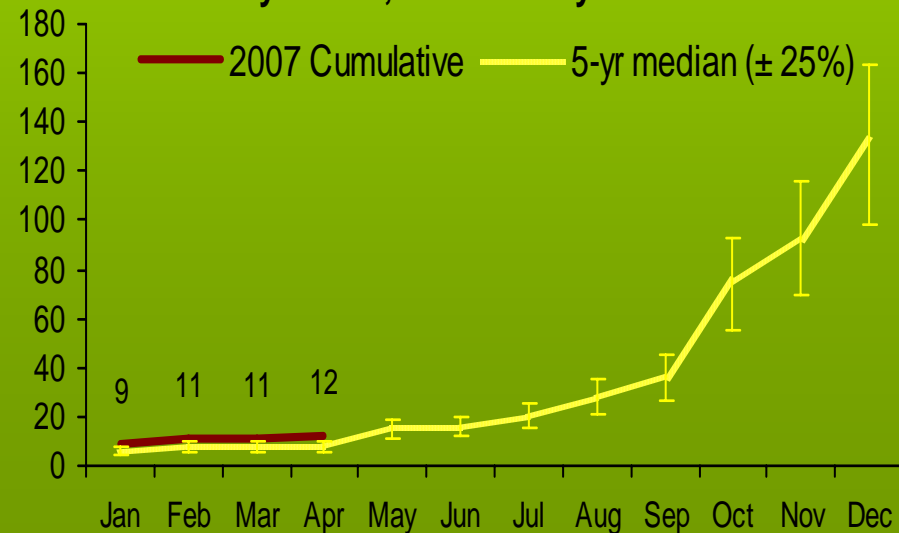
Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	2	1.3
Northeast	1	0.5
Southeast	3	1.2
Western	6	3.1
TOTAL	12	1.5 +50%
5-year median	8	1.0



Shigella, SD 2002-2006



Cases by month, 2007 and 5-year median

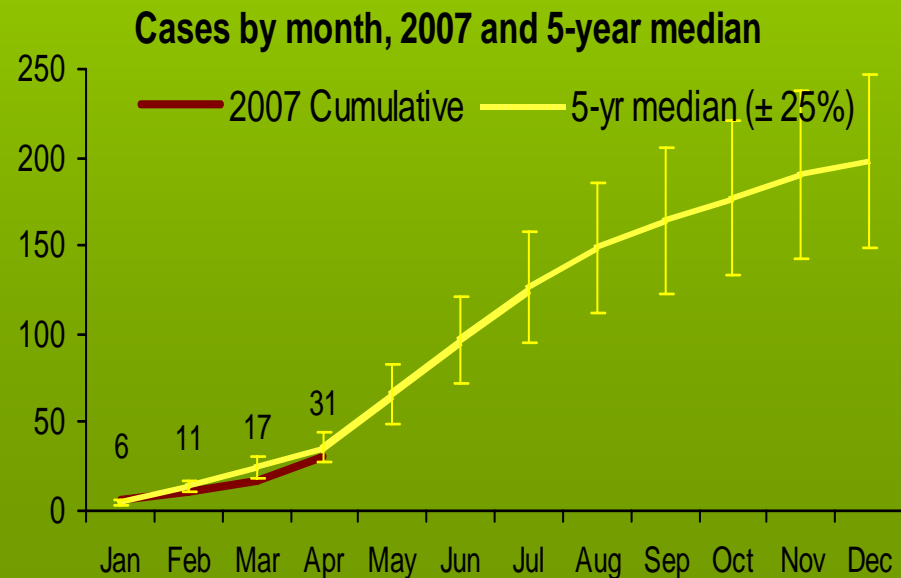
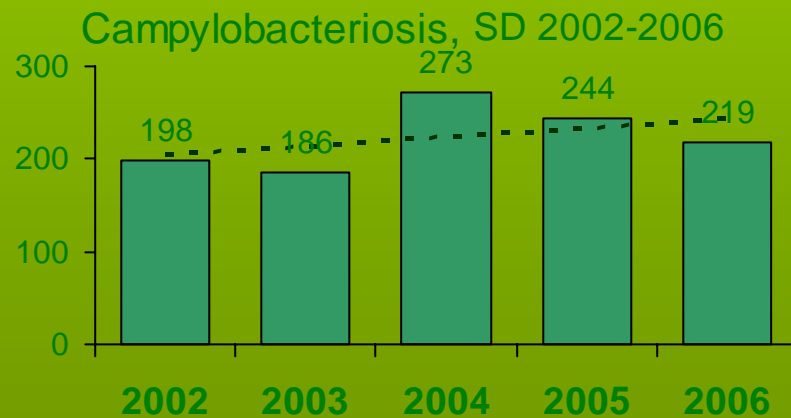
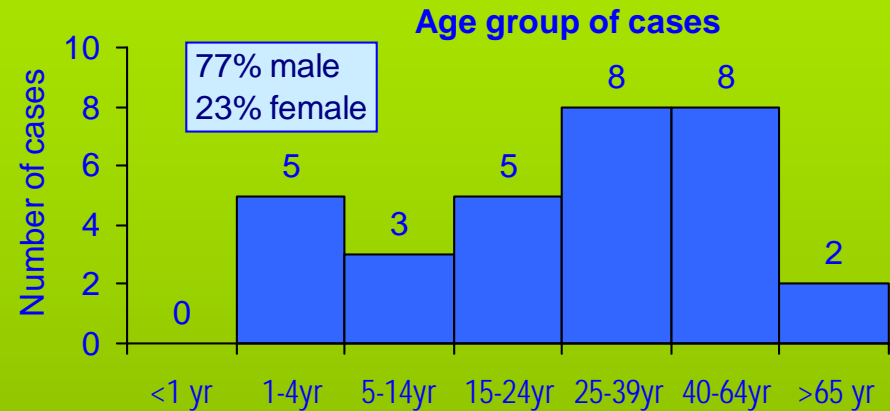


1 January – 30 April 2007

Provisional data

Campylobacteriosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	9	6.0
Northeast	8	4.4
Southeast	13	5.0
Western	1	0.5
TOTAL	31	4.0 -14%
5-year median	36	4.6



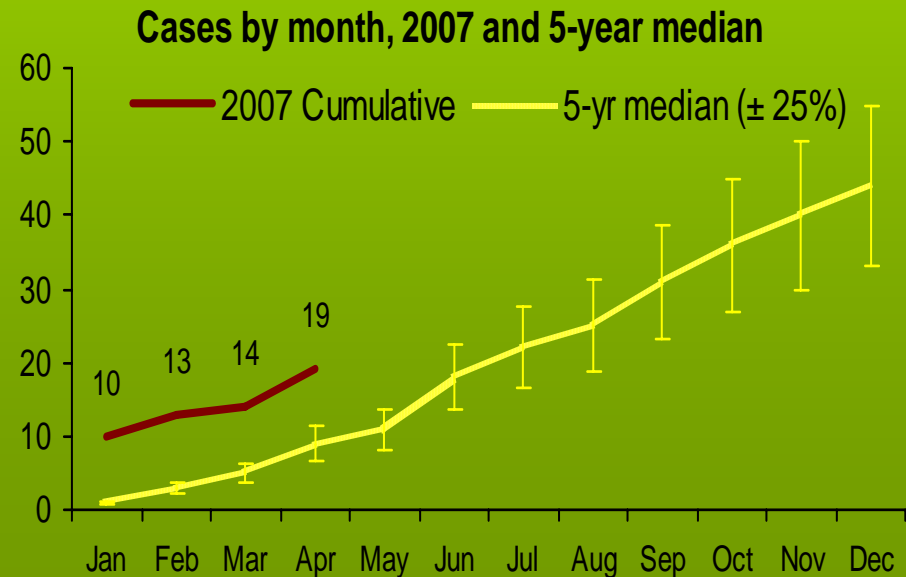
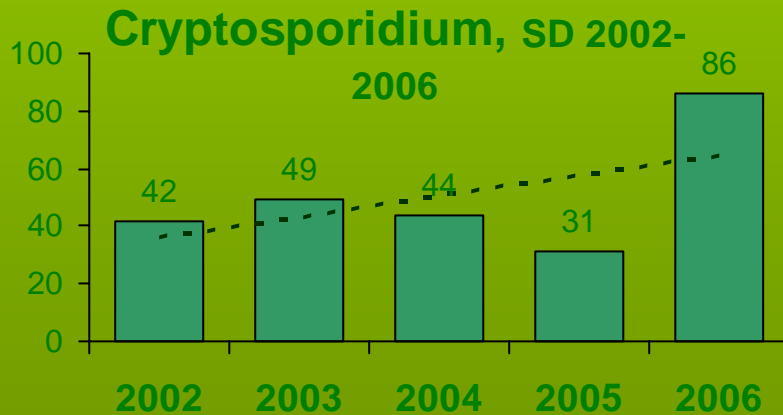
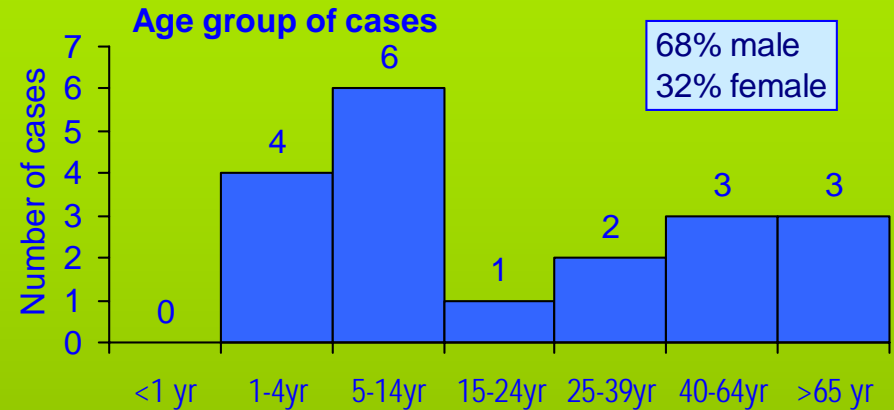
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 April 2007

Provisional data

Cryptosporidiosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	7	4.6
Northeast	9	4.9
Southeast	3	1.2
Western	0	0.0
TOTAL	19	2.4 +111%
5-year median	9	1.2



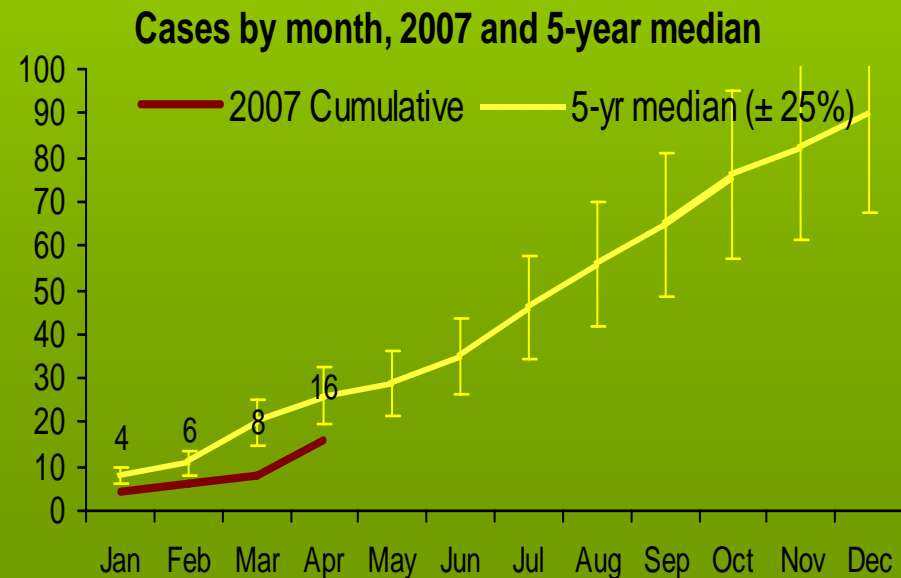
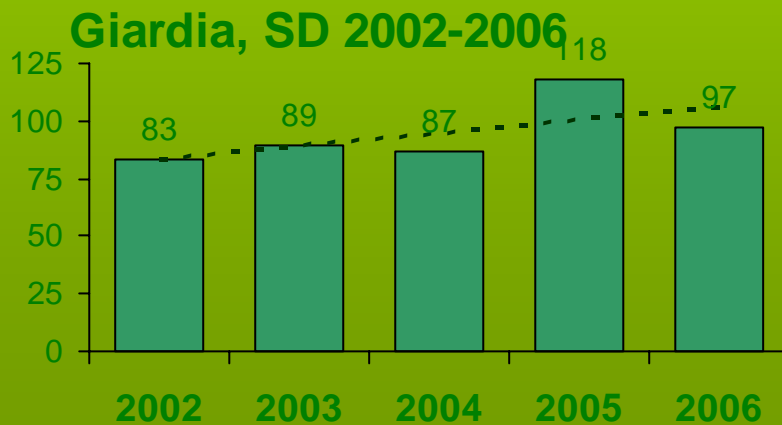
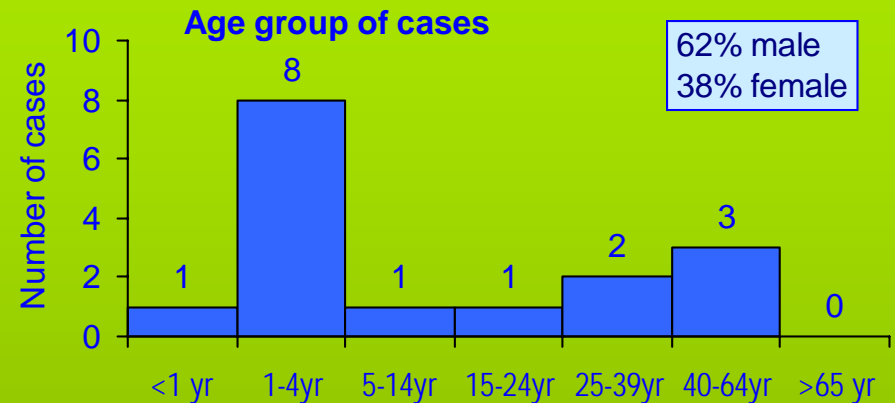
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 April 2007

Provisional data

Giardiasis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	1	0.7
Northeast	3	1.6
Southeast	6	2.3
Western	6	3.1
TOTAL	16	2.0 -38%
5-year median	26	3.4



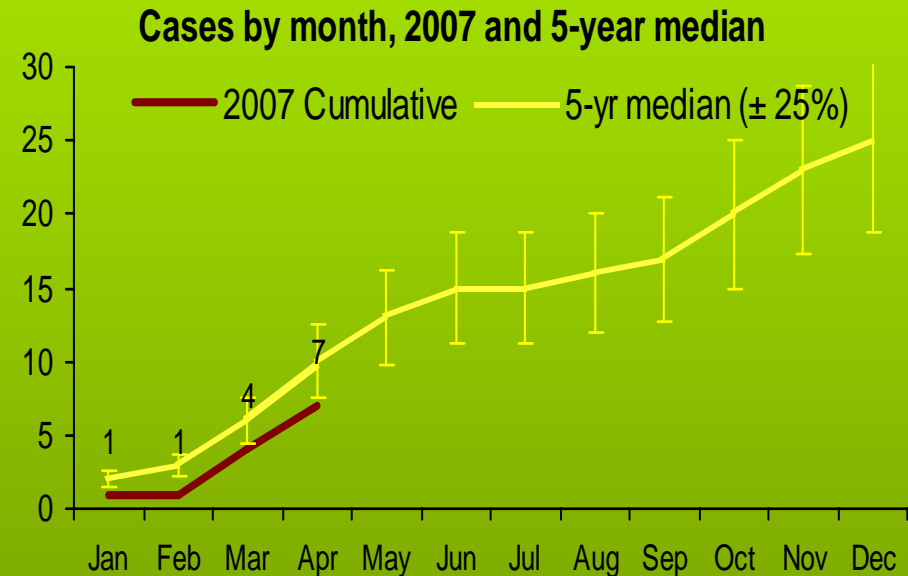
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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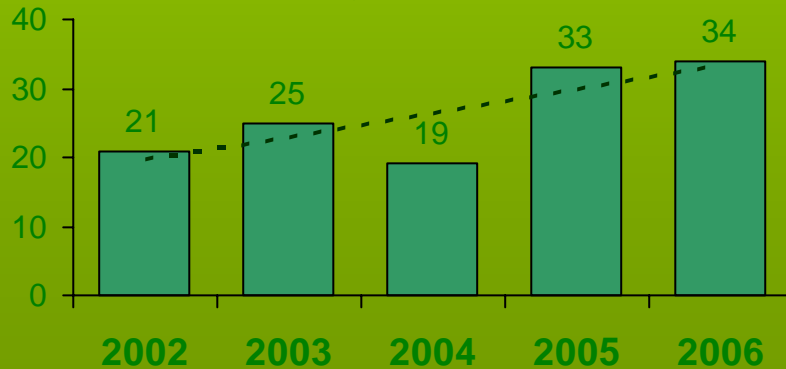
Provisional data

HIV/AIDS, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	1	0.6
Northeast	0	0
Southeast	6	2.3
West	0	0
TOTAL	7	0.9 -30%
5-year median	10	1.3



HIV/AIDS, SD 2002-2006

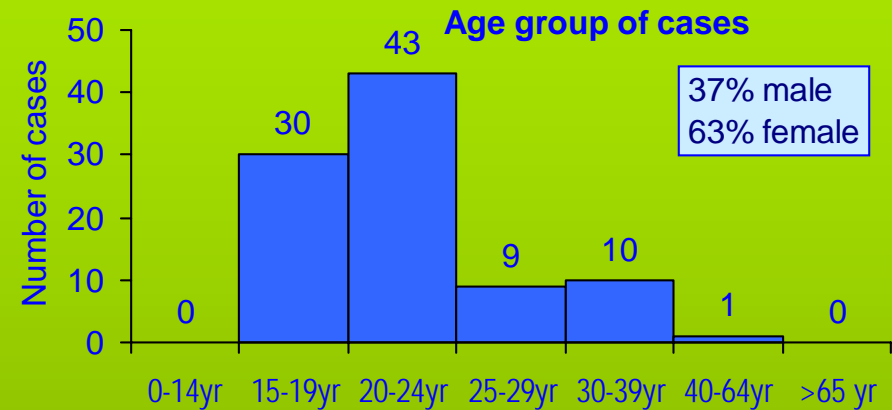


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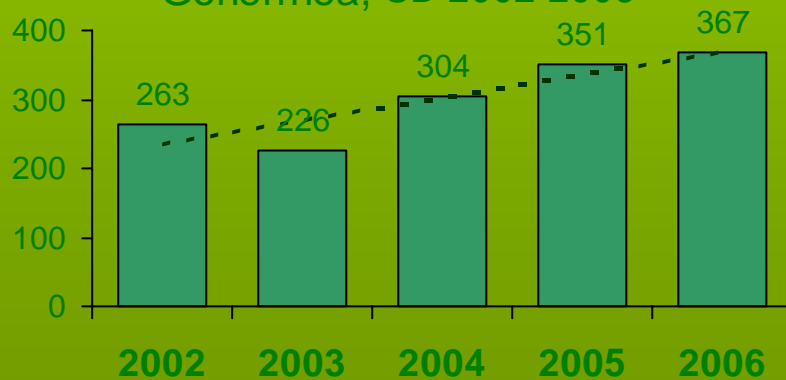
Provisional data

Gonorrhea, South Dakota

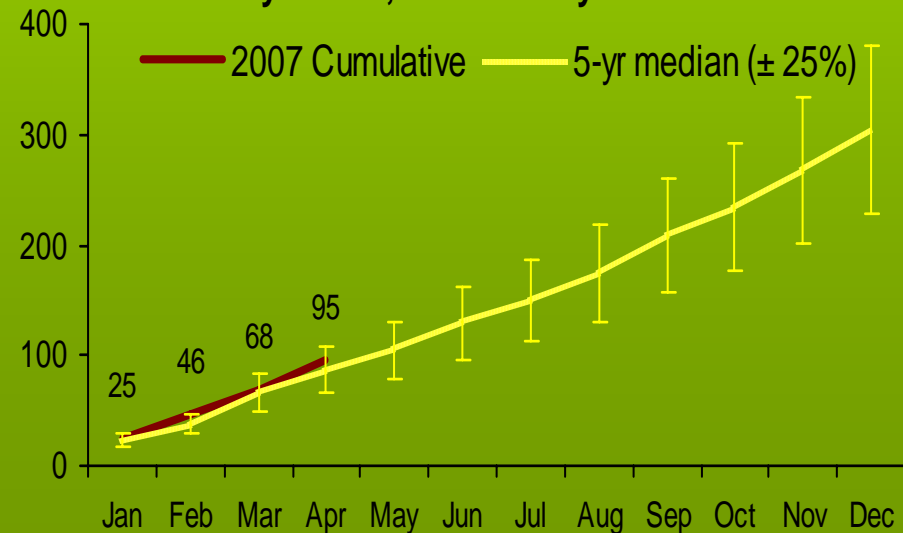
Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	23	15.3
Northeast	5	2.7
Southeast	40	15.5
West	27	14.2
TOTAL	95	12.1 +9%
5-year median	87	11.2



Gonorrhea, SD 2002-2006



Cases by month, 2007 and 5-year median

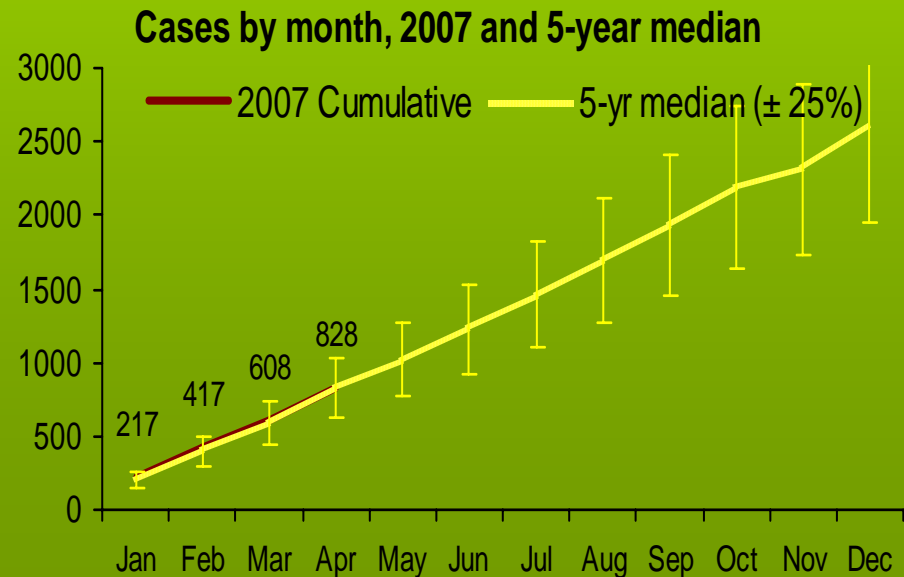
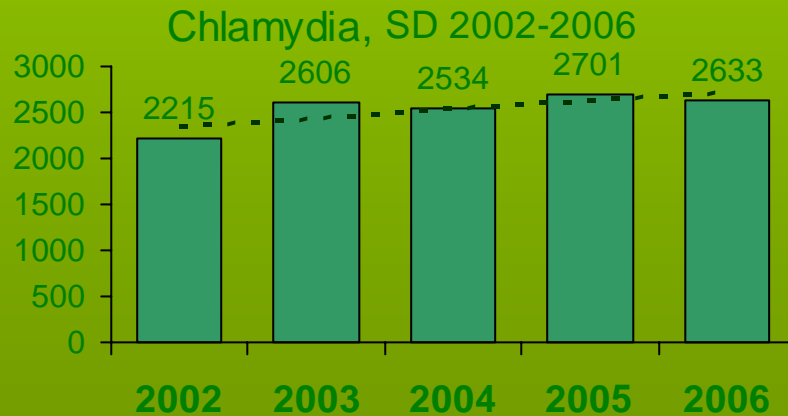
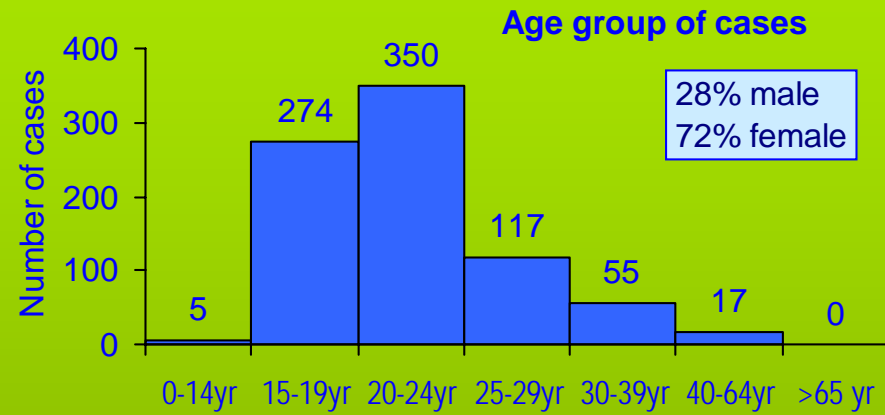


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Provisional data

Chlamydia, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	196	130
Northeast	144	79
Southeast	215	83
West	273	143
TOTAL	828	106 0%
5-year median	831	107

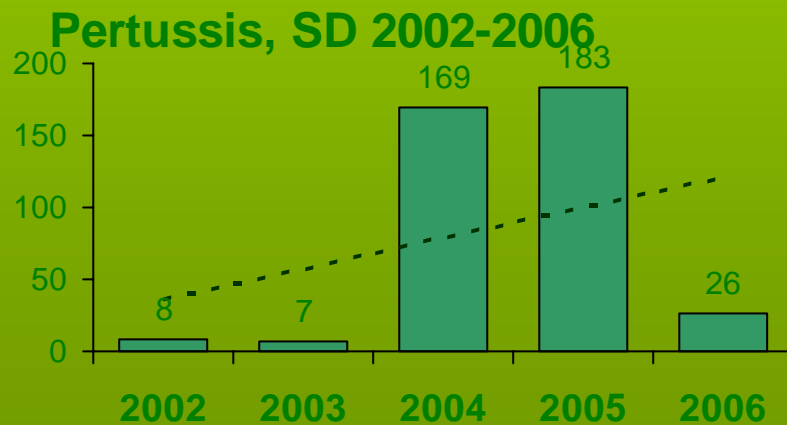
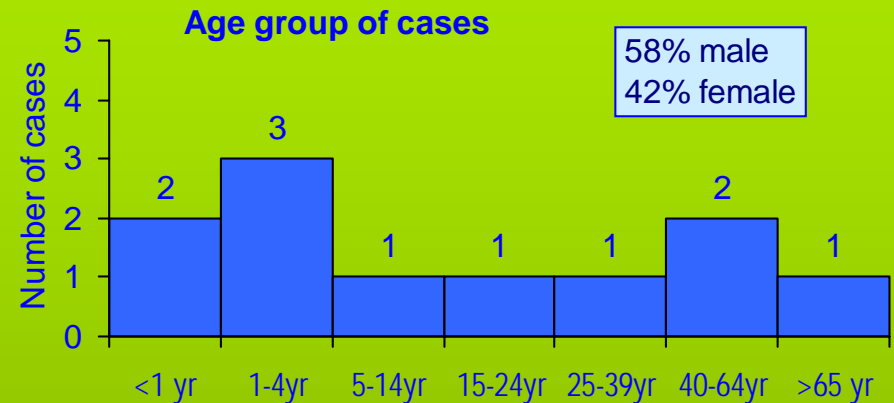


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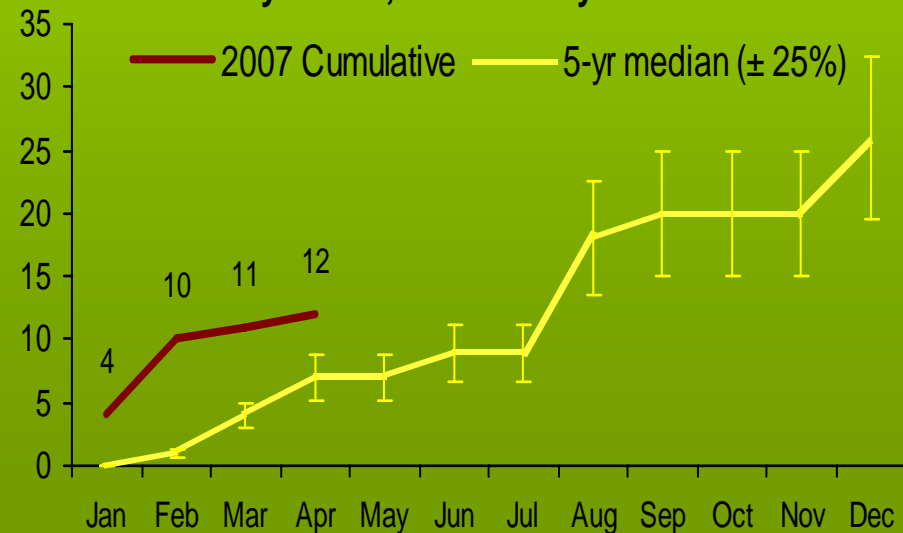
Provisional data

Pertussis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	2	1.3
Northeast	0	0.0
Southeast	7	2.7
Western	3	1.6
TOTAL	12	1.5 +71%
5-year median	7	0.9



Cases by month, 2007 and 5-year median

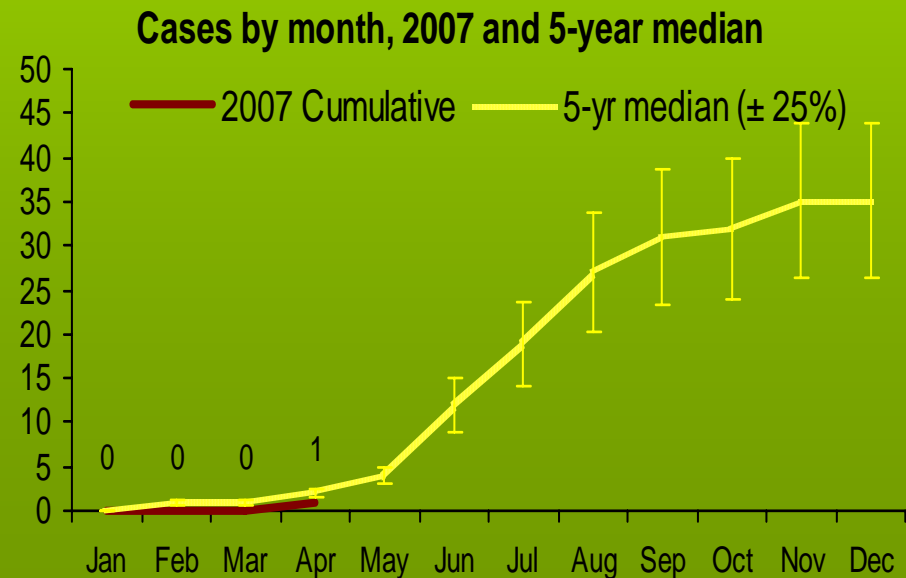
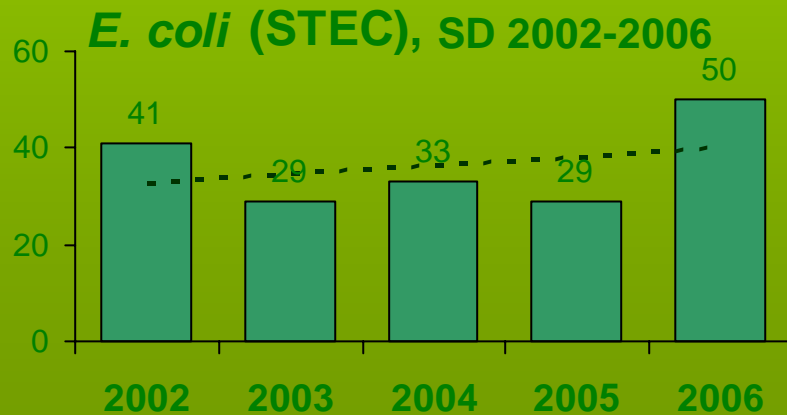
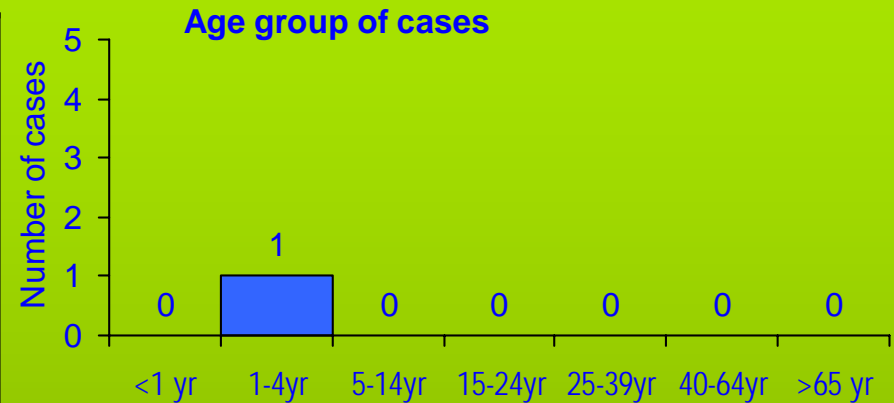


1 January – 30 April 2007

Provisional data

E. coli, shiga toxin-producing, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	1	0.7
Northeast	0	0
Southeast	0	0
West	0	0
TOTAL	1	0.1 -50%
5-year median	2	0.3



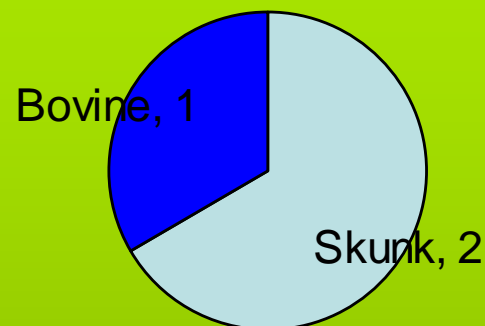
1 January – 30 April 2007

Provisional data

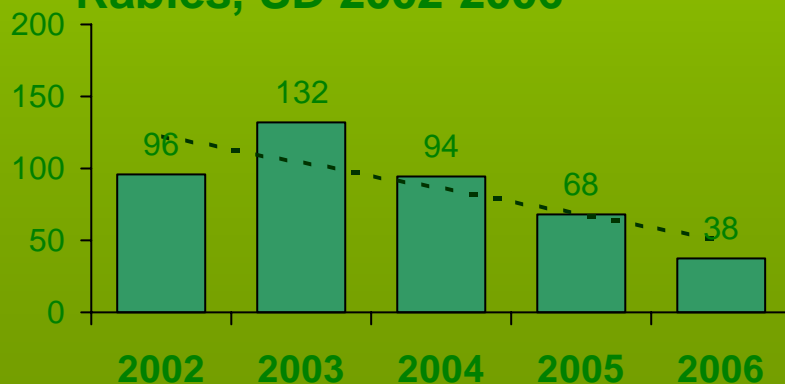
Rabies, South Dakota

County: Rabid animals

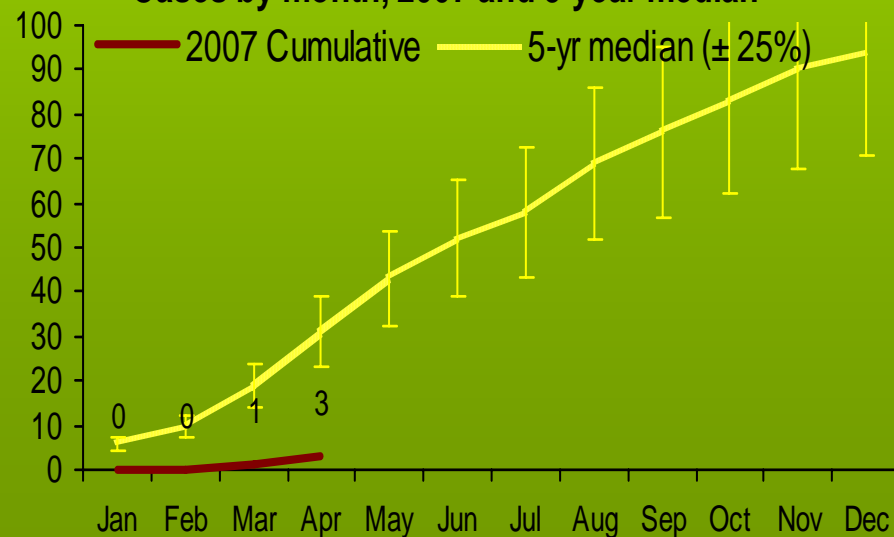
- Brookings: skunk 1
- Clark: bovine 1
- Deuel: skunk 1



Rabies, SD 2002-2006



Cases by month, 2007 and 5-year median



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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Provisional data

Other low incidence or newly reportable diseases in South Dakota, YTD 2006

- Chicken pox, 39 cases
- Hepatitis A, acute, 2 cases
- Hepatitis B, acute, 1 case
- Hepatitis B, chronic, 10 cases
- Hepatitis C, chronic, 83 cases
- Herpes (genital): 128 cases
- Legionnaires' disease, 1 case
- MRSA, invasive, 25 cases
- Mumps, 1 case
- Meningococcal, invasive disease, 1 case
- Q fever, 1 case
- Streptococcus, Group A, invasive, 3 cases
- Streptococcus, Group B, invasive, 3 cases
- Streptococcus pneumoniae, drug-resistant, 6 cases
- Syphilis, early, 1 case
- Tuberculosis, active, 3 cases



1 January – 30 April 2007

Provisional data

Reportable Diseases List:

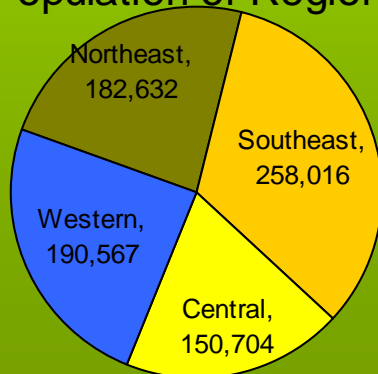
www.state.sd.us/doh/Disease/report.htm



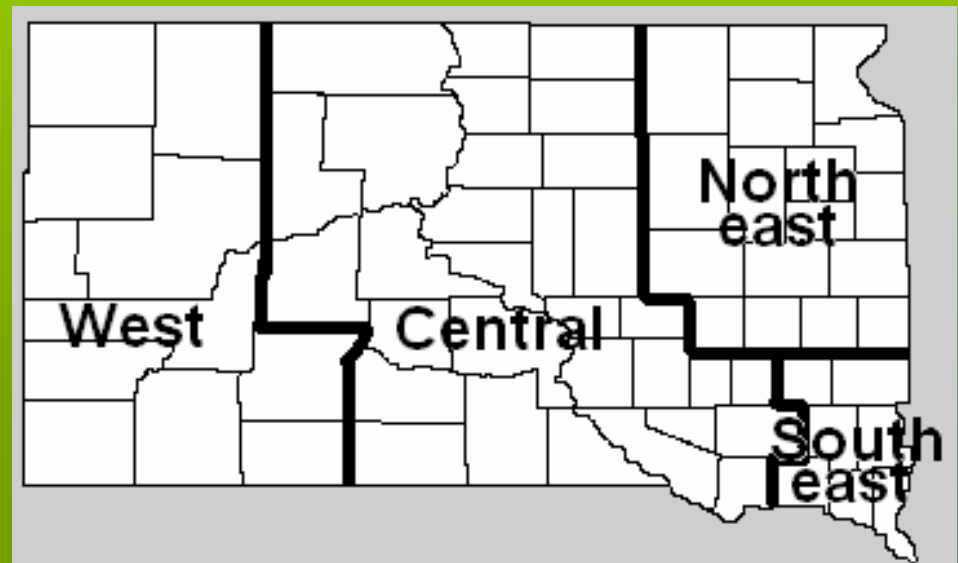
To report infectious diseases

- Secure website: www.state.sd.us/doh/diseasereport
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked *"Confidential Disease Report"*

Population of Regions



South Dakota 2006 population est: 781,919



South Dakota Department of Health confidential disease reporting: 1-800-592-1804